

REMARKS

In the Office Action dated February 18, 2004, claims 1-9, 12-19, 21-25, and 30-33 were rejected under 35 U.S.C. § 102 over U.S. Patent No. 6,671,511 (Forssell); claims 34 and 35 were rejected under § 102 over U.S. Patent No. 6,594,238 (Wallentin); and claims 10, 11, 20, 26, and 27 were rejected under § 103 over Forssell in view of Wallentin.

Claim 1 has been cancelled to render the rejection of the claim moot.

Claim 2 has been amended from dependent form to independent form. Claim 2 recites that starting the procedure to release the connection after the predetermined time delay period comprises sending an indication that the end of data transmission has occurred, receiving an acknowledgment of the indication, and releasing the connection in response to the acknowledgement.

Although Forssell describes use of a timer function by the network for releasing a temporary block flow when a predetermined time of inactive data transfer has passed (Forssell, 7:59-63), Forssell does not teach that a procedure to release the connection ^{7:55-61}after the predetermined delay period includes sending an indication that the end of data transmission has occurred, receiving an acknowledgment of the indication, and releasing the connection in response to the acknowledgement. In other words, claim 2 recites a number of acts performed after the predetermined time delay period that are not disclosed by Forssell.

Claim 8 has been amended from dependent form to independent form, with the scope of claim 8 remaining *unchanged*. Claim 8 recites waiting a predetermined time delay period after end of data transmission, and starting a procedure to release the connection after the predetermined delay period, where the waiting and starting acts are performed in the *mobile station*. The timer function described in Forssell is implemented in the *network*, not in the mobile station. In fact, as described in column 11, at lines 51-56, of Forssell, the timer function is implemented in a logical entity of the network (not the mobile station), which timer function can be used to release the *downlink* temporary block flow. Such a timer function in a mobile station is not described by Forssell.

Independent claim 14 has been amended to recite a mobile station that has an interface to a wireless link and a control module to establish an *uplink* connection on the

wireless link with a base station system. The mobile station also includes a delay element, where the control module is adapted to detect end of data transmission on the *uplink* connection and to wait a delay period provided by the delay element before starting a procedure to release the *uplink* connection. The timer function described in Forssell is implemented in the network to release the *downlink* temporary block flow after a predetermined time has passed. Therefore, claim 14 is not anticipated by Forssell.

Independent claim 25 has been amended to recite waiting a predetermined time period at the end of data transmission before providing an indication of the end of data transmission, receiving an acknowledgment of the indication from a peer system, and releasing the connection in response to the acknowledgment. The receiving and releasing acts of claim 25 after the predetermined time period has expired is not disclosed by Forssell.

Claim 29 has been amended from dependent form to independent form, with the scope of claim 29 remaining unchanged (claim 29 has been amended to improve its form but the claim scope remains unchanged). Claim 29 recites that the timer to provide the predetermined time period is included in a mobile station. Forssell teaches that the timer function is implemented in the network, not the mobile station. Therefore, claim 29 is not anticipated by Forssell.

Claim 34 has been amended to recite a mobile station having a means for establishing an *uplink temporary block flow* over a wireless link with a second system, means for detecting an end of data transmission, means for waiting a predetermined time period before providing an indication of the end of data transmission, and means for releasing the *uplink temporary block flow* after waiting the predetermined time period. This combination of features is not disclosed by Wallentin.

Similarly, Wallentin does not disclose the subject matter of independent claim 35, which recites detecting end of data transmission over an *uplink temporary block flow* established on a wireless link, starting a delay period after detecting the end of data transmission, and starting a procedure to release the *uplink temporary block flow* after the delay period.


Dependent claims are allowable for at least the same reasons as corresponding independent claims. Allowance of all claims is respectfully requested. The

Appl. No. 09/769,836
Amdt. dated May 18, 2004
Reply to Office Action of February 18, 2004

Commissioner is authorized to charge any additional fees and/or credit any overpayment to Deposit Account No. 20-1504 (NRT.0091US).

Respectfully submitted,

May 18, 2004
Date



Dan C. Hu, Reg. No. 40,025
Trop, Pruner & Hu, P.C.
8554 Katy Freeway, Ste. 100
Houston, TX 77024
713/468-8880
713/468-8883 [fax]

Customer No. 21906